

10/780,472
 Preliminary Amendment
 Date of Deposit: July 12, 2006

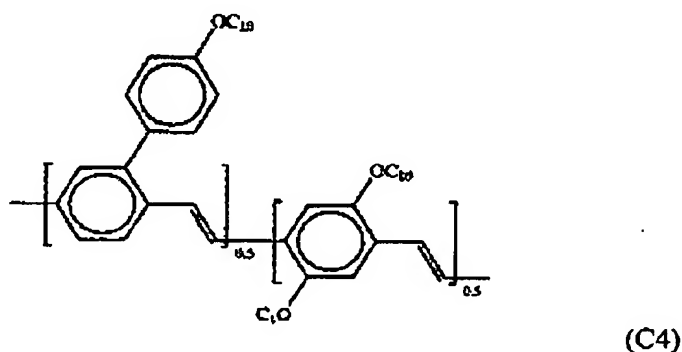
Amendments to the Specification

Please amend the paragraph at p. 3 line 19 as indicated:

If the polymer is to emit yellow or more yellowish light the R is preferably selected to be a C₁-C₂₀ alkoxy group of the type defined above. Preferred alkoxy groups are OC₄, in particular 2-methylpropyloxy, and OC₈, in particular 3,7-dimethylhexyloxy. Even more preferred is methoxy.

Please amend the paragraph beginning on p. 9 and continuing onto p. 10 at p. 10 line 1 as indicated:

Referring to FIG. 1, in this comparative example, an electroluminescent device 1 comprises a substrate 3 of sodalime glass coated with a layer of an indiumtin oxide (ITO) supplied by Balzers which is in turn covered by a 250 nm layer of the hole-injecting material poly-3,4-ethylenedioxythiophene (supplier Bayer) provided by means of spin-coating. The latter two layers together constitute the hole-injecting electrode 5. The electroluminescent layer 7 is also provided by means of spin-coating and is made of a material consisting of an aryl-substituted poly-p-arylenevinylene of the repeating unit of formula



wherein ~~OC₁₀~~ OC₁₀ is ~~3,7-dimethylhexyloxy~~ 3,7-dimethyloctyloxy and which is a polymer not in accordance with the subject matter of the claims as here amended. The polymer C4 is disclosed in WO 99/21936 and photo- and electroluminesces red to orange light. The EL layer 7 is covered, in succession, with a Ba and Al layer which together form the electron-injecting electrode 9 each layer being applied by means of deposition of metal vapor in vacuo. The EL

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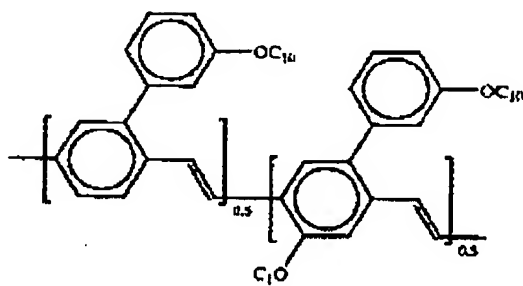
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device 1 further includes a voltage source 11 capable of providing a voltage sufficient to obtain an emission of light of brightness 100 Cd/m^2 or more. The EL device 1 is encapsulated so as to avoid contact with oxygen and water.

Please amend the paragraph at p. 12 line 13 as indicated:

Comparative example 1 is repeated with the difference that the polymer is replaced by a polymer not in accordance with the subject matter of the subject matter of the claims, and emitting yellow to green light, this polymer being a polymer of repeating unit of formula



(C7)

wherein OC_9 , OC_{10} is 3,7-dimethylhexyloxy 3,7-dimethyloctyloxy.

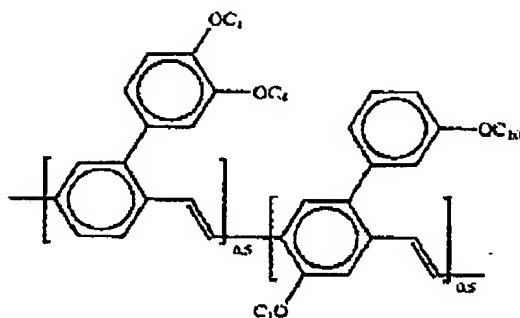
Please amend the paragraph beginning on p. 12 and continuing onto p. 13 at p. 13 line 3 as indicated:

Comparative example 2 is repeated with the difference that the polymer is replaced by a polymer in accordance with the subject matter of the claims, emitting yellow to green light, this polymer being a polymer of repeating unit of formula

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(C2)

wherein ~~OC₆~~, ~~OC₁₀~~ is ~~3,7-dimethylhexyloxy~~ 3,7-dimethyloctyloxy and OC₄ is 2-methylpropyloxy. When the EL device thus obtained is subjected to the service life test of comparative example 2, in which the EL device is driven at constant current and at an initial brightness of 200 Cd/m² while maintaining an ambient temperature of 80 °C, the service life, defined as the time within the brightness drops to half its initial value, is about 55 h, whereas the efficiency of the EL device is 9.0 Cd/A.